CRF Errors Corrected by the STIC Systems Franch CRF Processing Date: Serlal Number: 09/856,070A Edited by: Changed a file from non-ASCII to ASCII wrapped" down to the next line. Changed the margins in cases where the sequence text was Edited a format error in the Current Application Data section, specifically: Edited the Current Application Data section with the actual current number. The number inputted by the applicant was 
the prior application data; or other Added the mandatory heading and subheadings for "Current Application Data". Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer. Changed the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted: \_\_ non-ASCII "garbage" at the beginning/end of files; \_\_ secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as\_\_\_\_\_ Inserted mandatory headings, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a Patentin bug). Sequences corrected: lequence 2 - odded "or Tyr" to <2237 line

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.



1600

# RAW SEQUENCE LISTING

1 <110: AFPLICANT: Holms, Rupert D.

PATENT APPLICATION: US/09/856,070A

DATE: 03/31/2003 TIME: 09:58:27

Input Set : A:\856070a.RAW.txt

Output Set: N:\CRF4\03282003\1856070A.raw

```
2 - 120. TITLE OF INVENTION: Regulatory/Unfolding Peptides of Ezrin
   + (1/0) FILE PEFERENCE: GJE=67
   4 H1400 CUPRENT AFFLICATION NUMBER: US/09/856,070A
   3 3141 - CURRENT FILLING SATE: 2001-05-17
   ** *11:0 PFIOF APPLICATION NUMBER: FCT/GB0C/03566
   THIS FRICE FILING DATE: 2000-09-13
   * HISCH PRIOR APPLICATION NUMBER: 9921881.0
   3 -1717 FF10F FILING DATE: 1999-09-17
  1: -(1:6) NUMBER OF SEQ ID NOS: 28
  11 (1960- $CATWARE: Patentin version 5.1
  1: KONGE SEO IL NO: I
  14 KU11 KUENGTH: 32
  15 HOLL TYLE: PET
  16 -0.11 - OFGANISM: Artificial Sequence
  17 Kind - FEATURE:
  14 KM To OTHER IMPORMATION: Hepreceptor peptide
  19 -04 00 - CEQUENCE: 1
            Ala Ard Glu Giu Lys Eis Gln Lys Gln Leu Glu Arg Gln Gln Leu Glu
           1
                                                 10
            The Glu Lys Lys Arg Arg Glu Thr Val Glu Arg Glu Lys Glu Gln Met
                                                                  30
  us additionable in No. 2
  .7 daile Tyre: PHT
  . F HOLLS OF GANISM: Artificial Sequence
  . 9 S.L. C. PEATURE:
   Fig. 4.1. 1. OTHER INFORMATION: Hapraceptor paptide
   *1 KULO - EFATURE:
   -: Kill - NAME/KEY: MISC_FHATURE
   - + \cos 2 \cdot \text{ Lobbardon: } (14) \dots (14)
   Ø4 CMTE + OTHER INFORMATION: Kaa = Tyr(P) or Tyr
   d kann sepuence: 2
         Met Arg Glu Lys Glu Glu Leu Met Leu Arg Leu Gln Asp Xaa Glu Glu
-> 36
                          1
                                             1.0
           Ly: The Lys Lys Ala Glu Arg Glu Leu Ser Glu Gln Ile Gln Arg Ala
                                             25
   514
                        20
           Leu Gin
  400
  4. HANDER SEÇ DI NO: 3
  4 - COIL LENGTH: 5
           Tife: FET
  44 5.11.
  4! Kills OEGANISM: Artificial Sequence
  46 KIRON FEATURE:
```

PATENT APPLICATION: US/09/856,070A

DATE: 03/31/2003 TIME: 09:58:27

Input Set : A:\856070a.RAW.txt

Cutput Se: N:\CRF4\03282003\1856070A.raw

```
47 <223 OTHER INFORMATION: Hepreceptor peptide
48 KAROGE SEQUENCE: S
        The Glu Lys Lys Arg
14
C_{\gamma,1}
         1
:1 KAIOS SEO ID NO: 4
55 KINTS DENGIH: 9
... TYPE: PRT
Fig. 41175 OFGANISM: Artificial Sequence
Section FEATURE:
Note: It is other in FORMATION: Hepredeptor peptide
i - Haudh SEQUENCE: 4
         The Clu Lys Lys Arg Arg Glu Thr Val
11.
6. 3.1145 SEQ 10 NO: 5
6 \cdot \cdot \cdot \text{Mill} \cdot \text{LEDGTH: } 11
64 % LAW TYPE: PHI
65 C. 130 OF SANISM: Artificial Sequence
GG -COUNTY FEATURE:
67 C. MAR OTHER INFORMATION: Hepreceptor peptide
68 0 4000 SHOULDER: 5
        Thr Glu Eys Lys Arg Arg Glu Thr Val Glu Arg
6.3
71
7. C. 190 SEQ H 100: 6
73 -1,111- DENGTH: 5
"4 *: Loo TYPE: PHT
75 CLIS: OFGANISM: Artifitial Sequence
AG AL BEATURE:
17 1.32 OTHER INFORMATION: Hepreceptor peptide
75 HIADRE SEQUENCE: 6
         lys Lys Arg Arg Glu
8. H. LUD SHOW ID NO: 7
MR -0.110- DEDGTH: 3
MA COLLEGIATE: PET
What I do OF WANTSM: Artificial Sequence
re di delle FRATURE:
+7 -0.17 OTHER INFORMATION: Hepreceptor peptide
es -:40m - SEQUENCE: 7
et Lys Lys Arg Arg Glu Thr Val Glu
9. 3.11.65 SEQ ID NO: 8
to and the LENGTH: 15
94 WHILE TYPE: PAT
95 4.313 OF WANTSM: Artificial Sequence
Me HIND DE PHATURE:
97 JULY CTHER INFORMATION: Hepredeptor peptide
98 -(40t) SBOUENCE: 8
33 Lys Lys Arg Arg Glu Thr Val Glu Arg Glu
100
                           5
        1
```

FATENT APPLICATION: US/09/856,070A

DATE: 03/31/2003 TIME: 09:58:27

Input Set : A:\856070a.RAW.txt

Output Set: N:\CRF4\03282003\1856070A.raw

```
102 <21€> SEQ II N€: 9
102 <010 LENGTH: 11
164 -CHILL TYPE: FRT
10: 0.100 CPGANISM: Artificial Sequence
100 CD2CH FFATURE:
107 CLID OTHER INFORMATION: Hepreceptor peptide
108 (4000 SEQUENCE: 3
          Lye Lys Arg Arg Glu Thr Val Glu Arg Glu Lys
110
111 -1.100 SEQ H: NO: 10
11: - 1.11. LENGTH: 13
114 S.T. BETFE: EFT
115 -001 to OFFAMISM: Artificial Sequence
116 MLISS FEATURE:
117 - 01 - 01 HEF INFOFMATION: Hepreceptor peptide
11% KAONE SEQUENCE: 10
          Lys Lys Arg Arg Glu Thr Val Glu Arg Glu Lys Glu
1. •
                          t,
1.50
1... -0.10 b SEQ H NO: 11
1.5 - 1.11 LENGTH: 8
1.4 HILL TYPE: EFF
1. 1 - 111 1 GENAMISM: Artificial Sequence
1. + HARRON FEATURE:
1.0 miles OCHER INFORMATION: Hepreseptor peptide
1.5 14 00 SEPURICE: 13
1. '*
    Lyc Arg Glu Thr Val Glu Arg
1
                           1,
14. 4.100 SEQ 10 NO: 12
1 · · · · 1 11 - 151:37H: 10
1 54 -1. L. B. TYPE: ERF
18 NIS OF WANTER: Artificial Sequence
136 - COOK FFATURE:
130 (2.33) OTHER INFORMATION: Hepreceptor peptide
130 HAOCH SEQUENCE: 12
          Lym Arg Arg Glu Thr Val Glu Arg Glu Lys
1 (4)
1 :
          1
                           ( )
142 -0 100 SEQ TO NO: 13
14 - - 112 LF: GTH: 11
144 HOLD TYPE: PET
146 to 150 OF WANTESM: Artificial Sequence
146 - CROS FRATURE:
147 C. 200 OTHER INFORMATION: Hepreceptor peptide
14% -:400% SPAUENCH: 13
          Lys Arg Arg Glu Thr Val Glu Arg Glu Lys Glu
1: "
1:1
11. 1.100 SEQ ID NO: 14
155 K. 112 DENGTH: 5
1'4 K. 1.5 TYPE: PRT
155 0.13> ORGANISM: Artificial Sequence
```

PATENT APPLICATION: US/09/856,070A

DATE: 03/31/2003 TIME: 09:58:27

Input Set : A:\856070a.RAW.txt

Output Set: N:\CRF4\03282003\1856070A.raw

```
156 KIRD FEATURE:
197 - Clar OTHER INFORMATION: Hepreceptor peptide
198 Glos SEQUENCE: 14
1:.3
          Ard Ard Blu Thr Val
1 ....
16. -0.10 - (SEQ 10 NO: 15.
16: Kulla BENGTH: 9
164 C. L. - TYPE: PRI
165 d. 1 - OR WANTSM: Artificial Sequence
166 C. NO FRATTE:
167 C.M. OTHER INFORMATION: Hepreceptor peptide
1688 \times 400 \times \text{SEQUENCE:} 15
1 \cdots
           Ang His Thr Val Glu Arg Glu Lys Glu
1 \cdots
           ]
1\%, \,\, \mathrm{CCD} \times \mathrm{SEQ} \,\, \mathrm{H} \,\, \mathrm{NO} \colon \,\, 16
17 HOLDS LENGTH: 5
174 HILLS INPE: PET
176 (2013 OBCANISM: Artificial Sequence
17. OLD TO FRATTE:
137 d. 33 - 05HER INFORMATION: Hepreceptor peptide
1 ( 44 T) - SE OBNOE: 16
    Glu Arg Glu Lys Glu
1
1: •
1 \pm 0
18. -0710 - SPQ H: NO: 17
18-1 0 11 - LENGTH: 14
184 0012 - TYPE: PER
18 4013 OF ANDSM: Artificial Sequence
186 St. C. FEARIFE:
157 M. 13: OTHER INFORMATION: Hepreceptor peptide
188 (4000 SEQUENCE: 17
1
           Gi: Arg Blu Lys Glu Gln Mot Mot Arg Blu Lys Glu Glu Leu
1 · ·
1 to 02150 SEQ 11 NO: 18
1 *4 *0.110 DEDGTH: 5
194 KILL TYPE: PRT
100 - C. Lot OFGANISM: Artificial Sequence
196 KLUST FEATURE:
197 KLEST OTHER INFOFMATION: Hepreceptor peptide
19% K4000 SEQUENCE: 18
           Lys Glu Glu Leu Met
1 . . .
200
BON AND SEC OF NO: 19
HOW HOUSE LENGTH: 13
204 HILLS TYPE: PFT
20% - 21130 ONCANISM: Artificial Sequence
NOTE FOR OUR FEATURE:
1107 KINES OTHER INFORMATION: Hepreceptor peptide
208 <400 SEQUENCE: 19
         - Lys Glu Glu Lou Met Leu Arg Leu Gln Asp Tyr Glu Glu
```

PATENT APPLICATION: US/09/856,070A

Input Set : A:\856070a.RAW.txt

DATE: 03/31/2003 TIME: 09:58:27

```
Cutput Set: N:\CRF4\03282003\I856070A.raw
                                                     10
     210
               1
     21: <210> SEQ ID NO: 20
     212 - 2211 - LENGTH: 13
     214 -C21CO TYPE: FRT
     215 -0210- OFGANISM: Artificial Sequence
     31: O PEATURE:
     217 - .. 3 OTHER INFORMATION: Hepreceptor peptide
     .18 HILLO FEATURE:
     .14 - .. 12 NAME/KEY: MISC FEATURE
     .20 -1.10- GOTATION: 111).. 11
     .21 -L. -- OTHER INFORMATION: Xaa = Tyr(P)
     .21 -iq- di- ShqUFNCF: 10
W--> 223
               Lys Glu Glu Leu Met Leu Arg Leu Gln Asp Xaa Glu Glu
     .:24
               1
     32: 32: 32: 35: $EQ II 100: 3
     H27 KLIDE LENGTH: 12
     .35 S. LO TYPE: PHT
     .29 FLIS OFFAMISM: Amificial Sequence
     . - - - - - C. C. FEATURE:
     . 31 -0.13 co OTHER INFORMATION: Hepreceptor peptide
     PRO SEQUENCE: 11
               61: Gld Let Met Leu Arg Leu Gln Asp Tyr Glu Glu
     . 14
               1
     236 -2710- SEQ ID NO: 72
     367 HILL LENGTH: 12
     HEN EL L. D. PYPE: PHT
     339 - 13 05/3ANISM: Amificial Sequence
     340 -3300 FEATURE:
     141 -Little OTHER INFORMATION: Hepreceptor peptide
     .47 - Id o FRATURE:
     .4 - TIME NAME WEY: MISC_FEATURE
     .44 CLE.F LOCATION: (10)..(10)
     .41 + .25 OTHER INFORMATION: Kaa = Tyr(P)
     ,46 840% SHOURDCE: 1.
W--> 247
               Glu Glu Leu Met Leu Arg Leu Gln Asp Xaa Glu Glu
     . 45
     .55 -2100 SEQ II NO: 13
     . Hi GLIII DENGTH: 11
     . S. S. I. TYPE: PHT
     193 - 21 - ORGANISM: Amificial Sequence
     .94 St. 20 FEATURE:
      9 -0.00 00HER INFORMATION: Hepreceptor peptide
     . So Papel Shoutinch: 25
               Glu Leu Met Leu Arg Leu Gln Asp Tyr Glu Glu
     . 5.7
     Con
              1
     .60 -121 - SEQ II NO: 24
     . 61 -1 11 / LENGTH: 11
```

. 6. · . 1. · TYPE: PLT

16: 0.132 OMGANISM: Artificial Sequence

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/856,070A

DATE: 03/31/2003 TIME: 09:58:28

Input Set : A:\856070a.RAW.txt

Output Set: N:\CRF4\03282003\1856070A.raw

### Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. 14
Seq#:20; Kaa Pos. 11
Seq#:22; Kaa Pos. 10
Seq#:24; Kaa Pos. 9
Seq#:27; Kaa Pos. 3



DATE: 03/31/2003

1600

```
PATENT APPLICATION: US/09/856,070A
                                                              TIME: 10:03:11
                     Input Set : A:\US09856070A.raw
                     Output Set: N:\CRF4\03282003\1856070A.raw
      1 <110: APPLICALT: Holms, Rupert D.
      0 <1200 TITLE OF INVENTION: Fegulatory/Unfolding Peptides of Ezrin
      ! <130. FILE FEFERENCE: GJE=67</pre>
C--> 4 <140> CURRENT APPLICATION NUMBER: US/09/856,070A
                                                                        Does Not Comply
      A K1410 CURRENT FILING DATE: 2001-05-17
                                                                    Corrected Distrette Needec
      + <1500 PRIOR APPLICATION NUMBER: PCT/GB00/03566
      7 <151% PFIOF FILING DATE: 2000-09-15
     F <1500 PRIOR APPLICATION NUMBER: 9921881.0
     3 4151 - PRIOR ELLING DATE: 1999-09-17
     10 - 1600 NUMBER OF SEQ ID NOW: 25
     1. <1000 SOFTWARE: latentin version 3.1
    1: KOIA SEO IN NO: I
    14 00 110 LENGTH: 32
    16 Cil.: TYPE: PET
10 CIL: OFGANISM: Artifiblal Sequence
    1' C. C. FFATURE:
    18 K. B. OTHER IMPORMATION: Hepreceptor peptide
    19 GARGE SEQUENCE: 3
            Ala Arg Glu Glu Lys His Gln Lys Gln Leu Glu Arg Gln Gln Leu Glu
             The Glu Lye Lys Arg Arg Glu Thr Val Glu Arg Glu Lys Glu Gln Met
    di kana seo no no: d
    100 KL 11 + LENGTH: 34
     PART OF THE TYPE: FET
    THE ROLL OF GAMISM: Artificial Sequence
    . Coller FEATURE:
     * C. P. OTHER INFORMATION: Hebreceptor peptide
     *1 *C. LO * FEATURE:
     44 C. 23 OTHER INFORMATION: Maa = Tyr(P) or Tyr — Unset 45 C4000 SEQUENCE:
     H KARR SEQUENCE: 1
             Met Arg Glu Lys Glu Glu Leu Met Leu Arg Leu Gln Asp Xaa Glu Glu
W - - > 36
                                                  10
              Lyr Thr Lys Lys Ala Glu Arg Glu Leu Ser Glu Gln Ile Gln Arg Ala
     100
              leo Gln
     4. K. 1% SEQ ID NO: 3
     4 · <. 11 LENGTH: 5
    44 <.1. INPE: PET
     1. C. I w OFGANISM: Artificial Sequence
     4 ← <1. UP FEATURE:
```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/856,070A

DATE: 03/31/2003 TIME: 10:03:11

Input Set : A:\US09856070A.raw

Cutput Set: N:\CRF4\03282003\1856070A.raw

```
47 < 1.3> OTHER INFOFMATION: Hepreceptor peptide
48 KARCH SEQUENCE: 3
         The Glu Lys Lys Arg
4.4
         ]
SECHOLOGY SEQ 1D NO: 4
53 -Clib LENGTH: 3
54 HOLD TYPE: PHT
M R. 170 OF GANISM: Artificial Sequence
it will one FEATURE:
57 -1.15: OTHER INFORMATION: Hepreceptor peptide
FR -14001- SEQUENCE: 4
         The Glu Lys Lys Arg Arg Glu Thr Val
65^{\circ} \times 110^{\circ} SEQ ID NO: 9
63 -0.110 DENGTH: 11
64 OF HIS TYPE: PET
64 - Clair OksANISM: Artificial Sequence
OF HILLS FEATURE:
* 7 -0.750-00HER INFOFMATION: Hepredeptor peptide
es 44000 SEQUENCE: S
        The Old Lys Lys Arg Arg Glu Thr Val Glu Arg
1.13
70
                           1,
.. -1, 120 - PEO 110 110: 6
FF HLIIF DESGIE:
74 this TYPE: PHT
力 - REI de OEGANISM: Artifi Hal Sequence
76 KILON PHATURE:
77 K. F OTHER INFORMATION: Hepreceptor peptide
 E HARRY SEPORNOR: (
        – Lyz Lys Arg Arg Glu
#2 HI 10 - 3EQ 10 NO: 7
#3 HOUSE DENGTH: 6
#4 HOUSE TYPE: PAT
HE HOUSE OFFIANISM: Artificial Sequence
-G SOLDS FRATORE:
:/ - ... | OTHER INFORMATION: Hepreceptor peptide
AA 9140 0 - SEDURNOF: 7
   Lyw hys Arg Arg Glu Thr Val Glu
42 -331000 SEQ ID NO: 3
Johnson LFNGFE: 10
44 LHL TYPE: PLT
역도 (1150m ONSANTSM: Artificial Sequence
MUSICAL MOSS FEATURE:
97 (2.5) OTHER INFORMATION: Hepredeptor peptide
ਅਤ ਵ4+O> SEQUENCE: 8
54 Lys Lys Arg Arg Glu Thr Val Glu Arg Glu
1 \cup 0
         1
                            -5
```

PATENT APPLICATION: US/09/856,070A

DATE: 03/31/2003 TIME: 10:03:11

Imput Set : A:\US09856070A.raw

Output Set: N:\CRF4\03282003\I856070A.raw

```
100 <2100 SEC ID NO: 9
10: <210: LENGTH: 11
104 -22123 TYLE: PHT
105 C. The OPGANISM: Artificial Sequence
100 CLOUD FRATURE:
107 RIMED OTHER IMPORMATION: Hepreceptor peptide
108 - HOOD SECURICE: 9
          Ly: Lys Arg Arg Glu Thr Val Glu Arg Glu Lys
110
                          5
111 -0.160 SEC 10 NO: 10
113 K. 113 LENGIE: 13
114 \pm 0.1.15 TYPE: PFT
111 H. L. 180 OFGANISM: Artificial Sequence
116 C.LON FEATURE:
117 KIND OTHER INFORMATION: Hepredeptor peptide
118 HARLE SEQUENCE: 10
          Lyc Tys Arg Arg Glu Thr Val Glu Arg Glu Lys Glu
                          Ć,
1.:
1.1. 3.10 SEQ II NO: 11
1. H. H. II SENGTH: 8
1.4 SLIL STYLE: PAT
1. - C. L.: OF SANISM: Artifitial Sequence
1.00 COLUMBEATURE:
107 d. . . . OTHER INFORMATION: Hepredeptor peptido
1.0% - Mach SEQUENCE: 11
    Lyw Arg Arg Glu Thr Val Glu Arg
1
1:: 0.10 SFQ II NO: 12
1:3 -111 - DEDGTH: 10
1:4 HILL: TYPE: FET
145 this SECANISM: Artificial Sequence
136 SCHOOL S FRATURE:
1 47 H. F. F. CTHER INFORMATION: Hepreceptor peptide
138 -3400 - SEQUENCE: 12
          Lys Arg Arg Glu Thr Val Glu Arg Glu Lys
130
140
14. C.U. SEQ 10 10: 13
14 % 11 · LENGTH: 11
144 KLIL - TYPE: PET
145 (L13 - ON ANTSM: Artificial Sequence
146 M. HOUSELE
14 CLU- OTHER INFORMATION: Hepreceptor peptide
14 - 440 - SEQUENCE: 13
          Tyu Ang Arg Glu Thr Val Glu Arg Glu Lys Glu
1 : 1
100
11.1 4.10 - SEQ TO NO: 14
1' 5 < 11 - NANGTH: 5
1'4 < 1. + 1YPE: PRf
155 < 1: Obsanism: Artificial Sequence
```

DATE: 03/31/2003

TIME: 10:03:11

# RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/856,070A

Input Set : A:\US09856070A.raw

Output Set: N:\CRF4\03282003\I856070A.raw

```
156 KRROD FEATURE:
157 AMERICAN OTHER INFORMATION: Hepreceptor peptide
15% *:4000 SEQUENCE: 14
    Arq Arq Glu Thr Val
154
160
          1
160 -00100 SEQ ID NO: 15
160 BRID LENGTH: 9
164 HOLL TYPE: PRT
165 CMLS OF GAMESM: Artificial Sequence
100 -10100 FEATURE:
167 - C. B. OTHER INFOFMATION: Hepredeptor peptide
160 MARCH SEQUENCE: 15
16.9
          Ard Glu Thr Val Glu Arg Glu Lys Glu
170
          1
17. HARGE SEC TH NO: 16
17 - AMIL: LENGTH: 5
174 HARL TYPE: PRT
175 - Clar OFGANISM: Artificial Sequence
176 C. CO. FEATURE:
177 - ... .: OTHER INFORMATION: Hepredeptor peptide
17% -: 400 - SEQUENCE: 16
    Glo Arg Glu Lys Glu
179
1800
          1
18. Hills - SEQ IF NO: 17
18 5 -0.11 - LENGTH: 14
1:4 -212 TYPE: PFT
18: 011 OFGAMISM: Artificial Sequence
1AG HELD - FEATURE:
107 With OTHER INFORMATION: Herreceptor peptide
148 HAUGH SEQUENCE: 17
          Gla Arg Glu Lys Glu Gln Met Met Arg Glu Lys Glu Glu Leu
1:0
                                               1.0
1.00
100 kt/10 k SEQ ID NO: 18
193 -1 11 - DENGTH: 5
144 H.L. TYPE: PFT
195 GLIF - ORGANISM: Artificial Sequence
1 00 HOURS FEATURE:
197 (DEE) OTHER INFORMATION: Hepreceptor peptide
198 - 4400 - SEQUENCE: 18
1:1:1
          Lys Glu Glu Leu Met
\tilde{f}(0,0)
          1
20. -010 - SBQ 10 NO: 19
203 UNIX LENGTH: 13
104 HULL TYPE: PRT
105 ULB - ORMANISM: Artificial Sequence
LUB HORD - FEATURE:
107 GLB - OTHER INFORMATION: Hepredeptor peptide
.OS KIDL - SEQUENCE: 19
        - Lys Glu Glu Leu Met Leu Arg Leu Gln Asp Tyr Glu Glu
```

# RAW SEQUENCE LISTING PATENT APPLICATION: US/09/856,070A Input Set: A:\US09856070A.raw Output Set: N:\CRF4\03282003\I856070A.raw

```
10
     310
               1
     212 -2210 SEQ ID NO: 50
     319 -3111: LENGTH: 13
     214 -22127 TYPE: FRT
     215 00130 OFGANISM: Artificial Sequence
     216 HOROS FRATURE:
     117 (127) OTHER INFORMATION: Hepreceptor peptide
     .18 - .... O. - FFATULE:
     L19 HOLD HAME/KEY: MISC FEATURE
     .20 Hadre BOCATION: (11)..(11)
     7.1 -Lining OTHER INFORMATION: Xaa = Tyr(P)
     Did -400 - FEQUENCE: 10
W--> 223
                Lys Glu Glu Leu Met Leu Arg Leu Gln Asp Xaa Glu Glu
     ...4
     226 9.10 JEQ ID NO: 31
     227 W. 11 - LENGTH: 13
     DISCHALL SYPE: PFT
     219 4.13 OFFAMISM: Artificial Sequence
     2 \cdot 0 + 0.00 \cdot \text{FEATUFE}:
     131 ALE: OTHER INFORMATION: Hepreceptor peptide
     28% - 400 - BEQUENCE: Fil
               Glu Glu Len Met Leu Arg Leu Gln Asp Tyr Glu Glu
                                 4-1
                                                       10
     2.34
     336 -310 - SEQ ID NO: 12
     237 -0111 - LENGTH: 13
     USA FOLD FIYEE: PRT
     139 - 113 - OEGANISM: Artificial Sequence
     240 AUGUS FEATURE:
     .41 ... 3 - OTHER INFORMATION: Hepreceptor peptide
     14. -U.O. PEATURE:
     .41 - JII - NAMEZHEY: MISC FRATURE
     .44 + ... \cdot ... + Localion: (10) ... (10)
     145 \times 123 \times \text{OTHER} INFORMATION: Kaa = Tyr(P)
     146 - 400 SEQUENCE: 13
                Glu Glu Leu Met Leu Arg Leu Gln Asp Xaa Glu Glu
W--> 247
     11-
     use attending in no: 33
     , 91 -1, 11 - LENGTH: 11
     35. -1.13 - TYPE: PHT
     15: 4.13 + DRGAMISM: Artificial Sequence
     .54 - DEG - FEATURE:
     195 - 123 - OTHER INFORMATION: Hepreceptor peptide
     254 - 400 - SEQUENCE: 23
               314 heu Met. Leu Arg Leu Gln Asp Tyr Glu Glu
     . 1 /
     258
     260 - 10 - 350 ID NO: 24
     A61 MA11 - BENGTH: 11
     THE PART OF THE PART
```

203 (213) OEGANISM: Artificial Sequence

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/856,070A

DATE: 03/31/2003 TIME: 10:03:12

Input Set : A:\US09856070A.raw

Output Set: N:\CRF4\03282003\1856070A.raw

### Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. 14 Seq#:20; Maa Pos. 11 Seq#:22; Maa Pos. 10 Seq#:24; Maa Pos. 9 Seq#:27; Maa Pos. 3